

**FOR PLANNING PURPOSES**

# SERVICE BULLETIN

SERVICE BULLETIN NO: 34-009

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ATA CHAPTER: 34

## NAVIGATION - DEPENDENT POSITION DETERMINING MODE S TRANSPONDER GTX330D - INSTALLATION

### 1. Planning Information

#### A. Effectivity

PC-12, PC-12/45 and PC-12/47 aircraft, MSN 101 up to and including MSN 999, except for aircraft MSN 545, with Bendix King KT 70 or KT 71 transponder systems installed.

#### B. Concurrent Requirements

None

#### C. Reason

New regulations will make Diversity Mode S Elementary Surveillance-systems necessary for aircraft which operate in some designated airspace areas.

#### D. Description

This Service Bulletin gives the data and instructions necessary to:

- Remove the installed KT70/KT71 transponder system and related components
- Install the GTX330D Elementary Mode S (Diversity) transponder system with the new upper antenna and related components

Revision No. 1 is issued to incorporate changes to the Manpower table (Sect 1, G) and other minor changes.

Revision No. 2 is issued to change the quantity of the DME/IFF Antenna (P/N 984.81.10.240) from quantity 2 to quantity 1. Other minor changes have been done to bring this Service Bulletin to the latest standard

Revision No. 3 changes the Effectivity.

#### E. Compliance

Optional.

#### F. Approval

The technical content of this Service Bulletin is approved under the authority of DOA No. EASA. 21J. 357.

PILATUS advises Operators/Owners to check with their local Airworthiness Authorities for any changes, local regulations or sanctions that may affect the embodiment of this Service Bulletin.

**G. Manpower**

	Total
Preparation	9.0
Removal	1.5
Installation	26.0
Electrical Installation	5.0
Test	3.0
Close up	16.0
<b>TOTAL MAN-HOURS</b>	<b>60.5</b>

**NOTE:** Man-hours figures do not include the time necessary to cure sealants and other consumable materials.

**H. Weight and Balance**

**(1) Weight Change**

+ 0.7 lb. (0,3 kg).

**(2) Moment Change**

Negligible.

**I. Electrical Load Data**

Not changed.

**J. Software**

Not changed.

**K. References**

Aircraft Maintenance Manual (AMM), 06-20-00, 24-00-00, 24-30-07, 25-10-01, 25-10-03, 25-21-01, 25-21-03, 25-21-04, 25-21-05, 25-21-06, 25-22-01, 25-22-03, 34-54-01 and 34-54-02.

Structural Repair Manual (SRM), 51-40-01 and 51-40-02.

Garmin - GTX330D Transponder Installation Manual 190-00207-02 Revision B (TIM 190-00207-02).

**L. Publications Affected**

AMM, 23-12-00, 23-12-02, 23-12-03, 34-54-00, 34-54-01, 34-54-02 and 51-40-01.

Illustrated Parts Catalog, 34-54-00.

Pilots Operating Handbook, Supplement, Report No. 02211/9-31.

Wiring Manual, 06-00-01, 23-12-00, 23-12-10 and 34-54-00.

**M. Interchangeability of Parts**

Not applicable.

**2. Material Information**

**A. Material - Price and Availability**

Operators should send orders for Service Bulletin Modification Kits, to their Authorized Pilatus Service Center, or to:

PILATUS AIRCRAFT LTD.,  
CUSTOMER SUPPORT MANAGER,  
CH-6371 STANS,  
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Operators are requested to advise Pilatus Aircraft Ltd, of the Manufacturer's Serial Number (MSN) and the flying hours of aircraft which are affected by this Service Bulletin.